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PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032  
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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

Attorney Docket No. **8633**  
First Inventor **SEAN MICHAEL KANE ET AL.**  
Assignee **THE PROCTER & GAMBLE COMPANY**  
Title **METHODS, FUNCTIONAL DATA, AND  
SYSTEMS FOR OPTIMIZING PRODUCT  
FACTORS**  
Express Mail Label No. **EL618954993US**

**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents.

ADDRESS TO: **Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231**

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status  
(see 37 CFR §1.27)

3. ☒ Specification **Total Pages [20]**  
(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 USC §113) **Total Sheets [3]**

5. Oath or Declaration **Total pages [2]**

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR §1.63(d))  
(for continuation/divisional with Box 18 complete)

i. ☐ **DELETION OF INVENTORS**  
Signed statement attached deleting inventor(s)  
named in the prior application,  
see 37 CFR §§1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR §1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
  - i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ Paper
- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)

11. ☐ English Translation Document (if applicable)

12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Nonpublication Request under 35 U.S.C.  
122(b)(2)(B)(i). Applicant must attach form  
PTO/SB/35 or its equivalent.

17. ☐ Other: .....

18. **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR §1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. 1

Prior application information:

Examiner: \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

**27752**

Name (Print/Type)	Leonard W. Lewis	Registration No. (Attorney/Agent)	30,769
Signature		Date	July 10, 2001

⊕ Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231

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**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

**Complete if Known**

Application Number

Confirmation Number

Filing Date

First Named Inventor

SEAN MICHAEL KANE ET AL.

Examiner Name

Group/Art Unit

Attorney Docket No..

8633

**TOTAL AMOUNT OF PAYMENT (\$782.00)****METHOD OF PAYMENT (check one)**

1.

2. ☒ Payment Enclosed: Check No. 68552 \$822.00☒ Charge Any Additional Fee Required Under status (see 37 CFR §127  
37 C.F.R. §§1.16 and 1.17) or credit any over payments to:

Deposit Account Number 16-2480

Deposit Account Name The Procter &amp; Gamble Company

**FEE CALCULATION****1. BASIC FILING FEE - Large Entity**

Code	(\$)	Fee Description	Fee Paid
101	710	Utility filing fee	[710.00]
106	320	Design filing fee	[]
107	490	Plant filing fee	[]
108	710	Reissue filing fee	[]
114	150	Provisional filing fee	[]

**SUBTOTAL (1) (\$)[710.00]****2. EXTRA CLAIM FEES - Large Entity**

	Extra Claims	Below Fee	Fee Paid
Total Claims	[24] - 20** = [4] x	[18.00]	= [72.00]
Independent Claims	[3] - 3** = [0] x	[0]	= [0.00]
Multiple Dependent		[]	= []

\*\* or number previously paid, if greater; For Reissues, see below

Code	(\$)	Fee Description
103	18	Claims in excess of 20
102	80	Independent claims in excess of 3
104	270	Multiple dependent claim, if not paid
109	80	**Reissue independent claims over original patent
110	18	**Reissue claims in excess of 20 & over original patent

**SUBTOTAL (2) (\$)[72.00]****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Code	(\$)	Fee Description	Fee Paid
105	130	Surcharge-late filing fee or oath	[]
127	50	Surcharge-late provisional filing fee or cover sheet	[]
139	130	Non-English specification	[]
147	2,520	For filing a request for <i>ex parte</i> reexamination	[]
112	920*	Requesting publication of SIR prior to Examiner's action	[]
113	1,840*	Requesting publication of SIR after Examiner's action	[]
115	110	Extension for reply within 1 <sup>st</sup> month	[]
116	390	Extension for reply within 2 <sup>nd</sup> month	[]
117	890	Extension for reply within 3 <sup>rd</sup> month	[]
118	1,390	Extension for reply within 4 <sup>th</sup> month	[]
128	1,890	Extension for reply within 5 <sup>th</sup> month	[]
119	310	Notice of Appeal	[]
120	310	Filing a brief in support of an appeal	[]
121	270	Request for oral hearing	[]
138	1,510	Petition to institute a public use proceeding	[]
140	110	Petition to revive - unavoidable	[]
141	1,240	Petition to revive - unintentional	[]
142	1,240	Utility issue fee (or reissue)	[]
143	440	Design issue fee	[]
144	600	Plant issue fee	[]
122	130	Petitions to the Commissioner	[]
123	50	Petitions related to provisional applications	[]
126	180	Submission of Information Disclosure Statement	[]
146	710	Filing a submission after final rejection (37 CFR § 1.129(a))	[]
149	710	For each additional invention to be examined (37 CFR §1.129(b))	[]
179	710	Request for Continued Examination (RCE)	[]
169	710	Request for expedited examination of a design application	[]
Other fee (specify) _____			[]
Other fee (specify) _____			[]

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL(3) (\$) []****SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)

Leonard W. Lewis

Registration No.  
(Attorney/Agent)

30,769

Telephone

(513) 634-5649

Signature

Date

July 10, 2001

WARNING Information on this form may become public. Credit Card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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